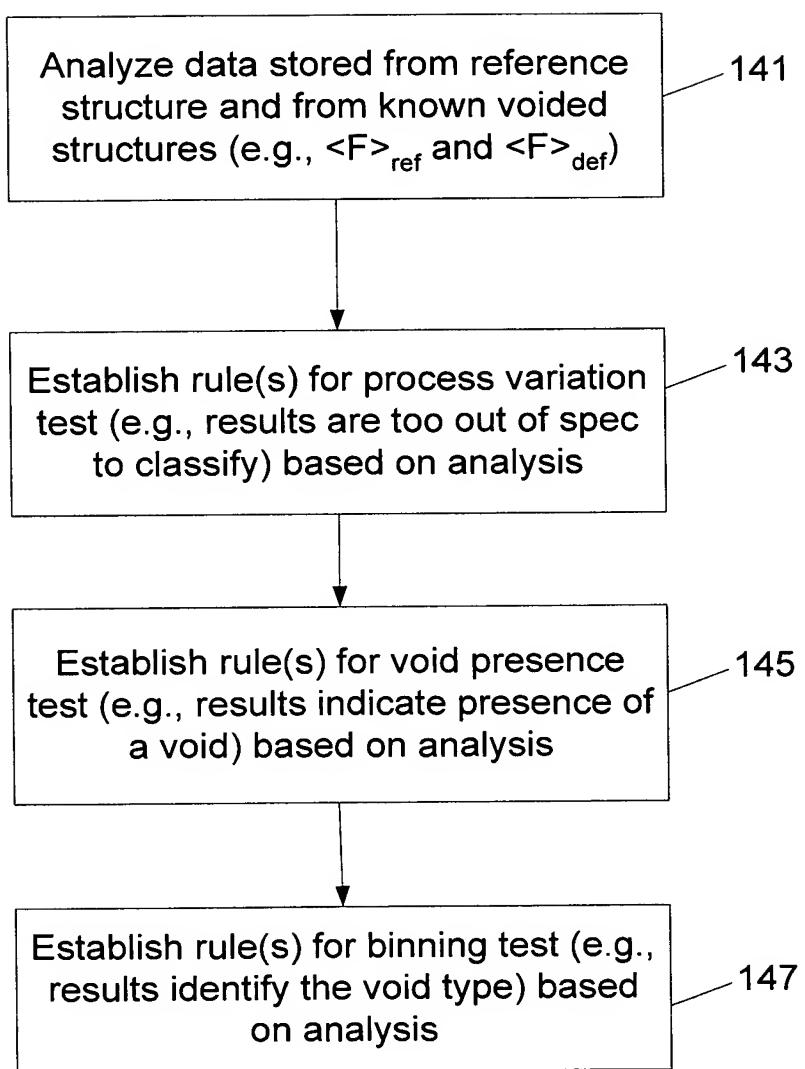


FIG. 1A

**FIG. 1B**

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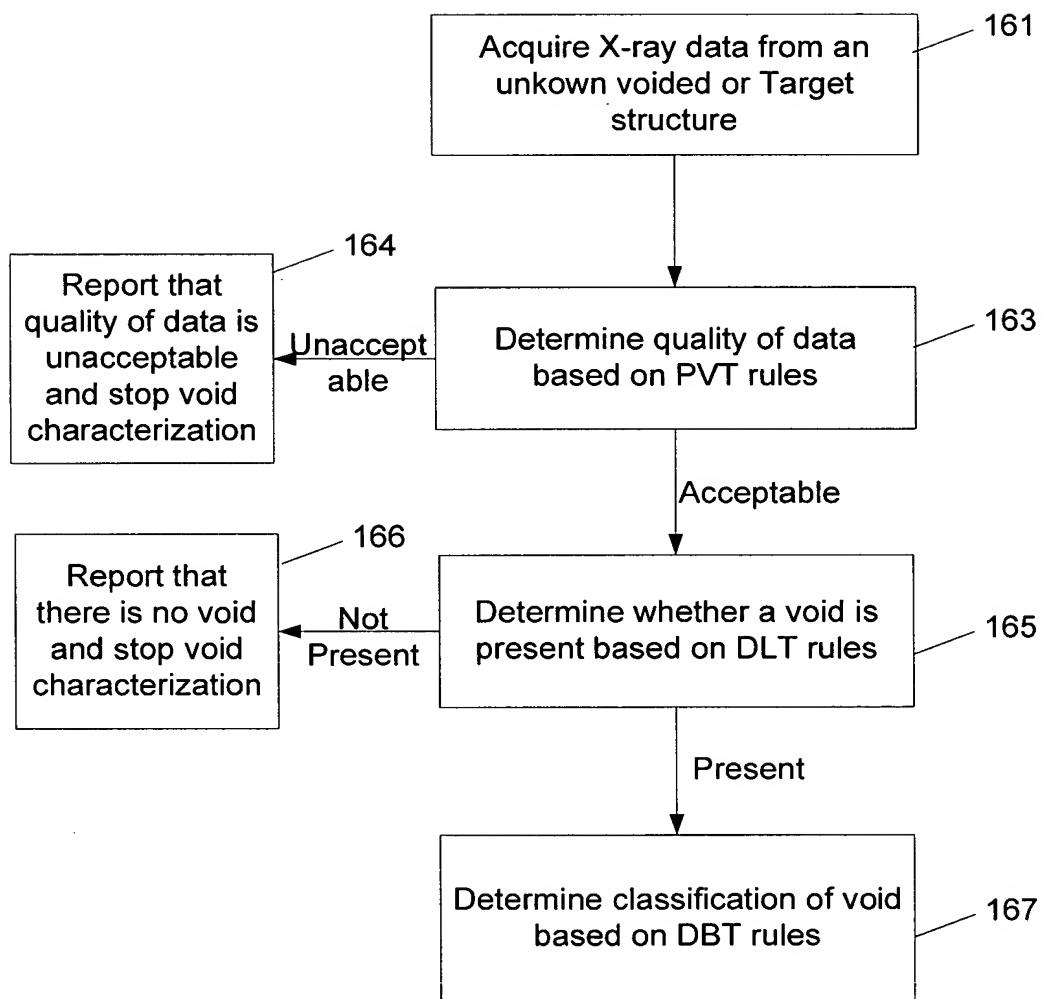


FIG. 1C

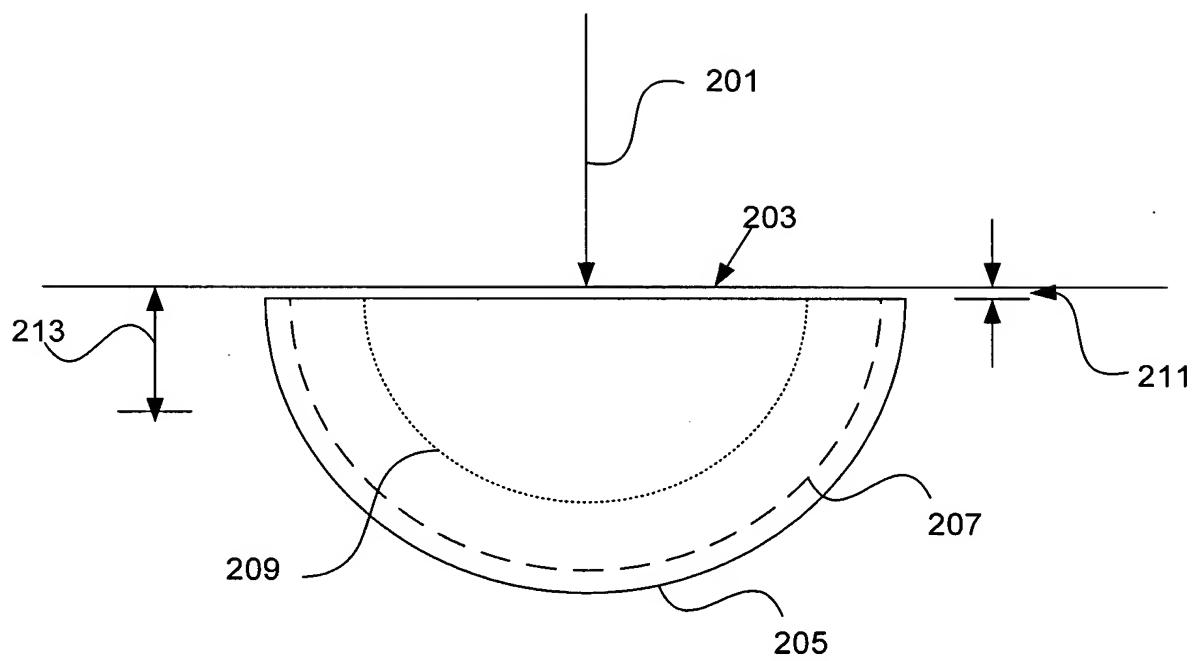


FIG. 2A

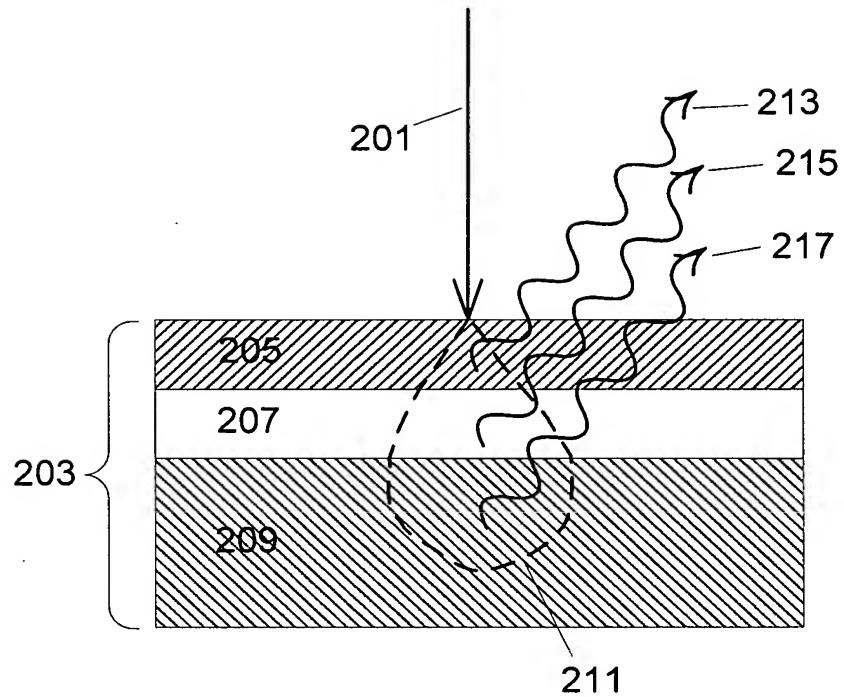


FIG. 2B

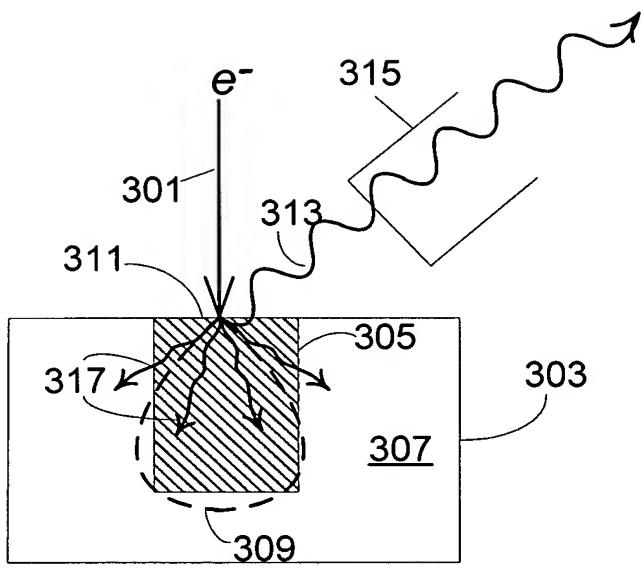


FIG. 3A

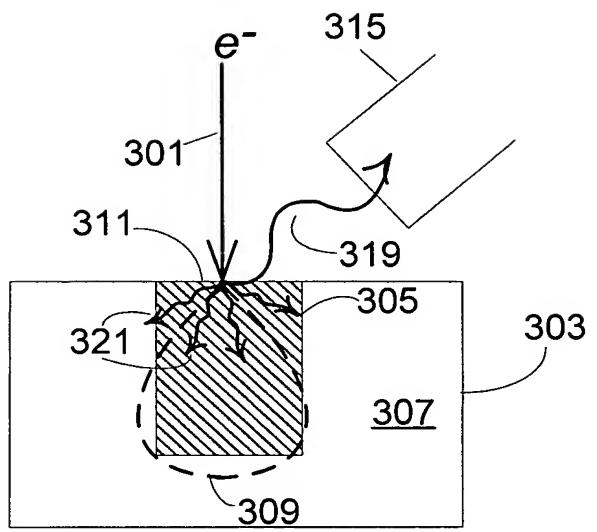


FIG. 3B

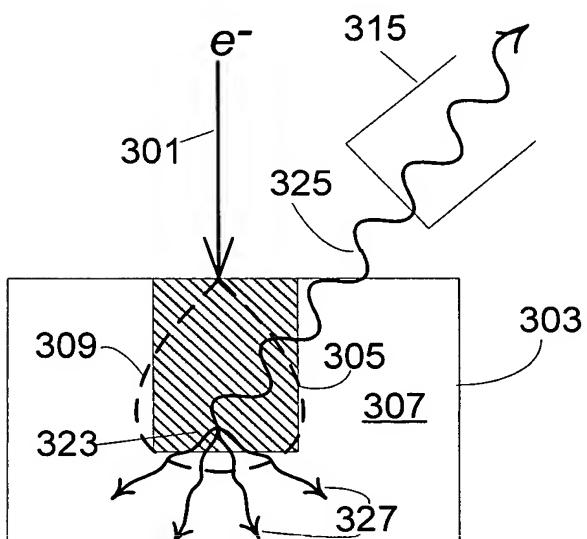


FIG. 3C

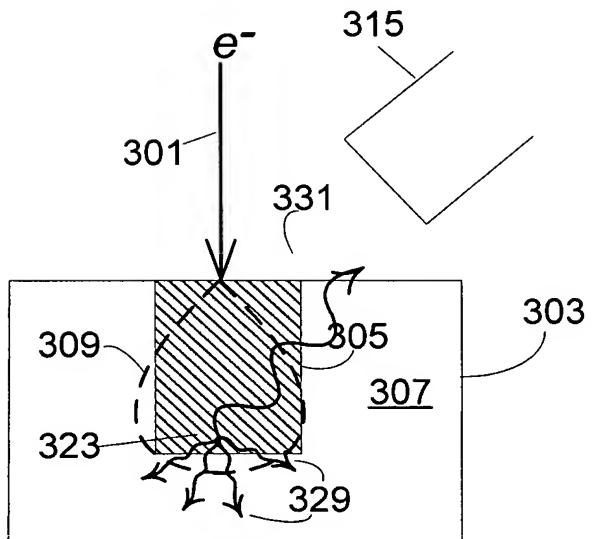


FIG. 3D

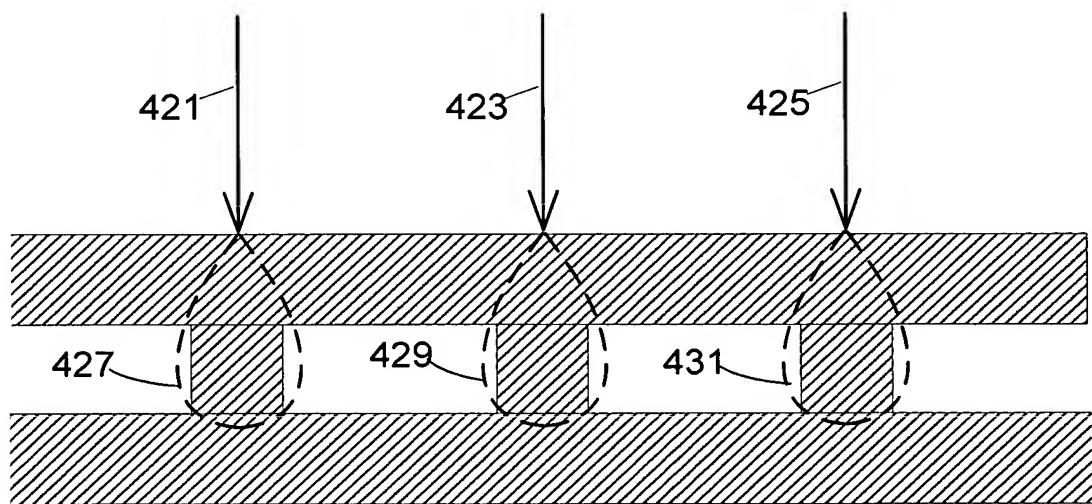
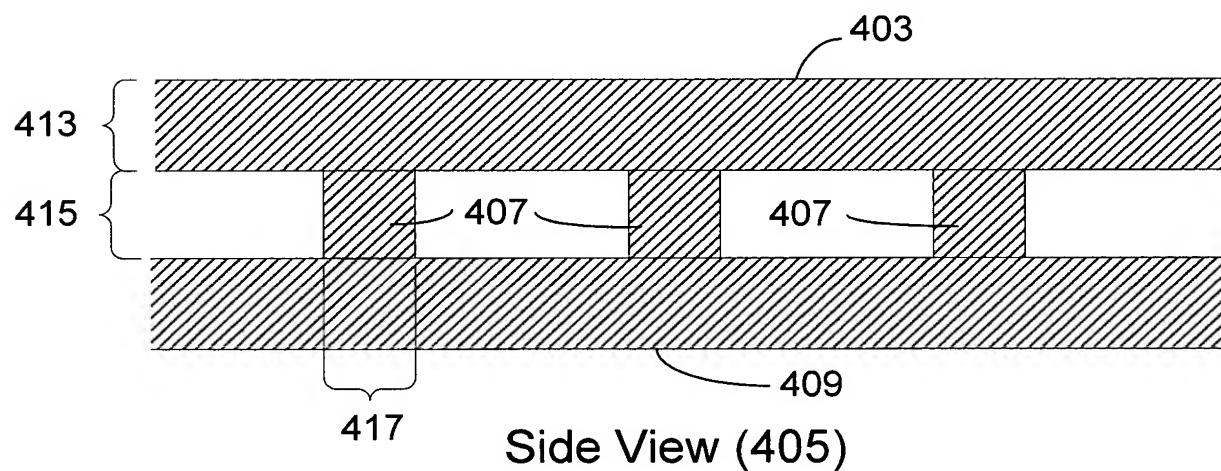
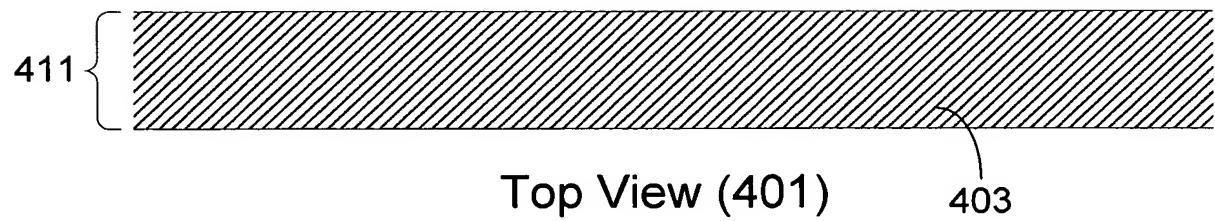


FIG. 4

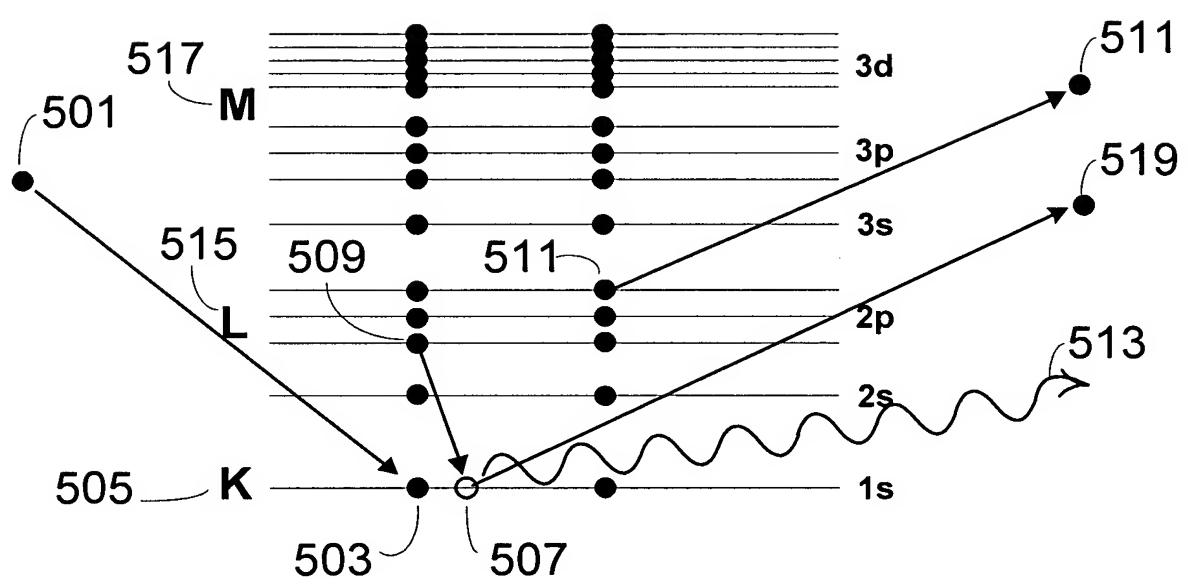
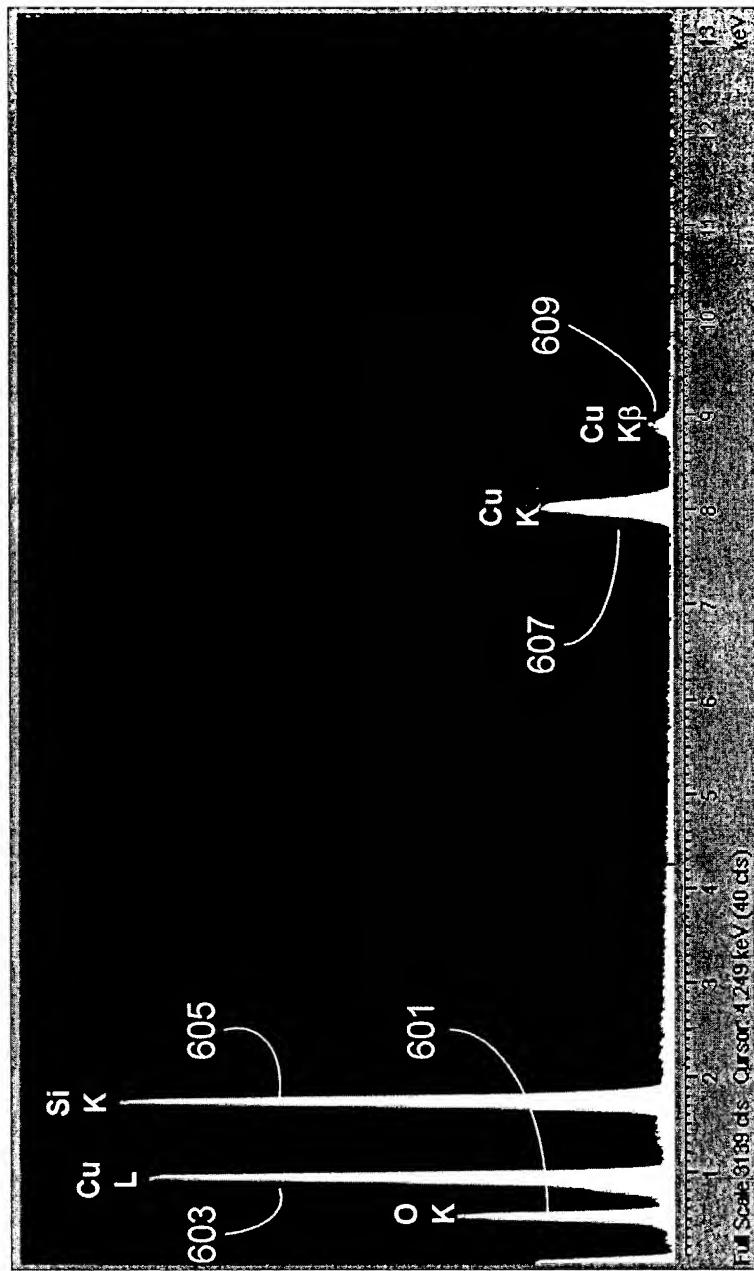


FIG. 5

FIG. 6



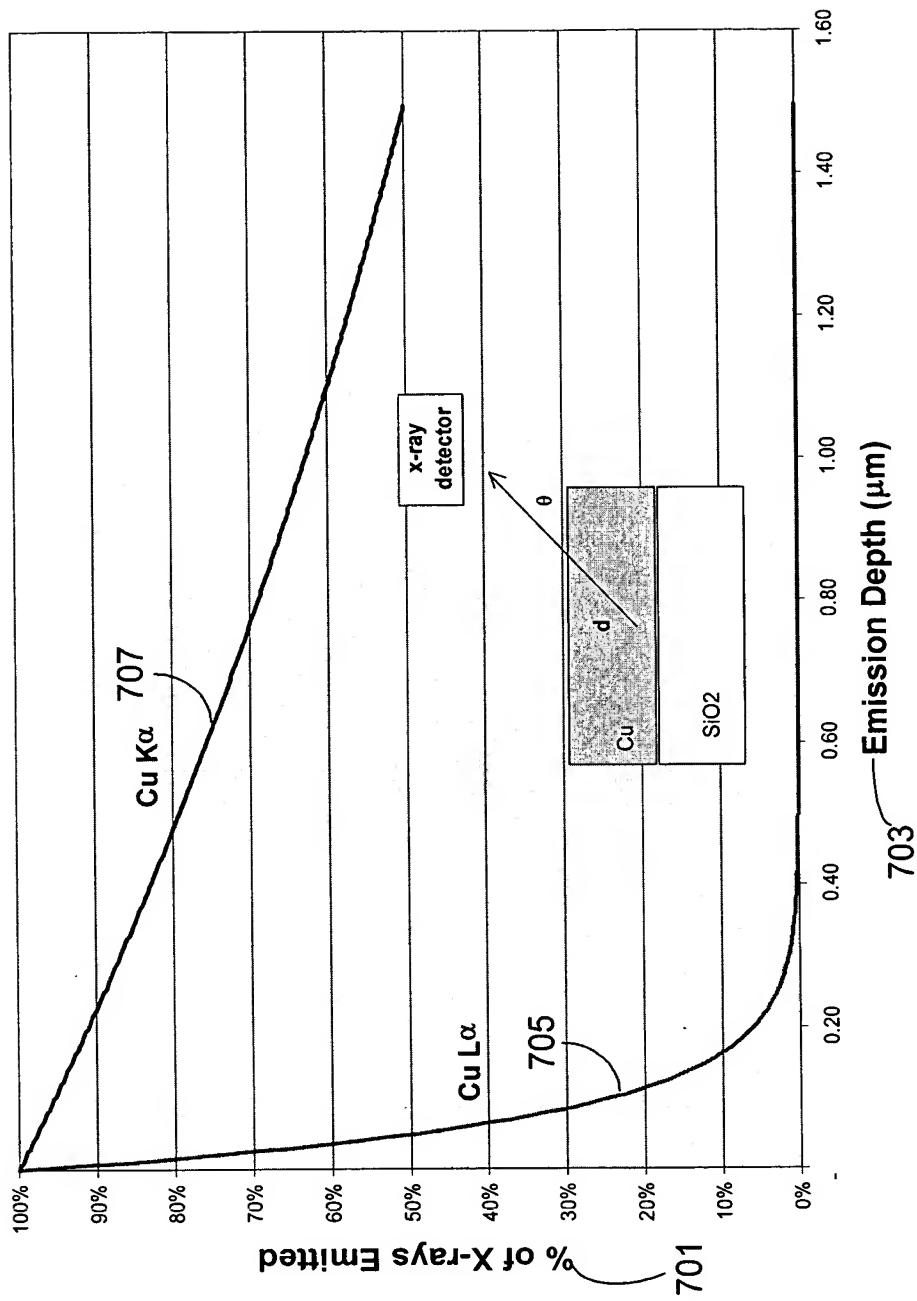
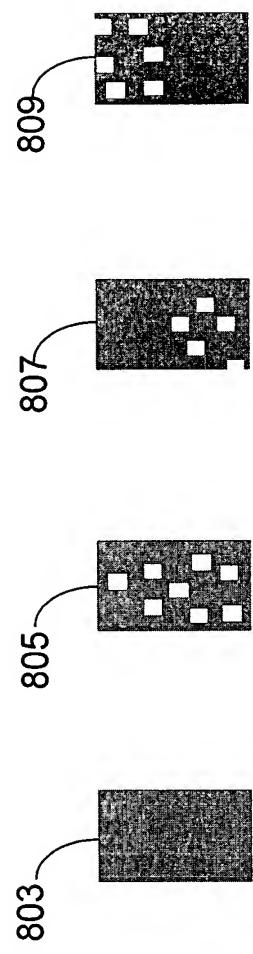


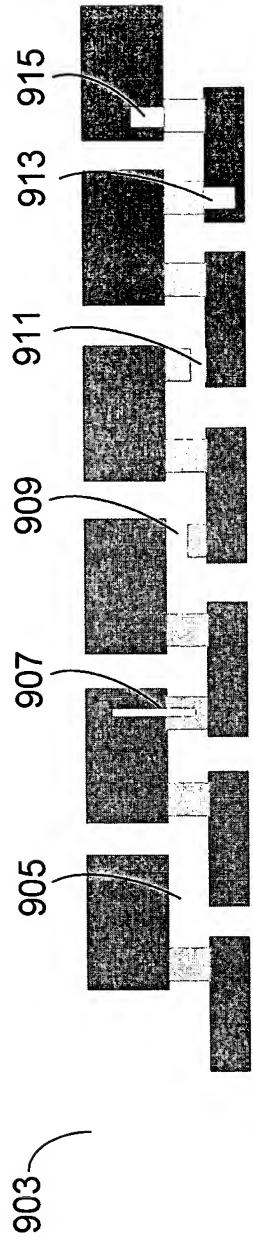
FIG. 7



Feature	No Void	Uniform Voids	Deep Voids	Surface Voids
$\text{CuL}\alpha/\text{SiK}\alpha$	=	<<	=	<<
$\text{CuK}\alpha/\text{SiK}\alpha$	=	<<	<<	<
$\text{CuL}\alpha/\text{CuK}\alpha$	=	=	>>	>

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FIG. 8



Feature	No Void	Missing Via	Slit Void or Unif. Void	Partial Via top void	Partial Via bottom void	Trench Void bottom	Trench Void top
Cula/Sik	=	<<	<	<<	≤	=	<<
Cuk/Sik	=	<<	<	<	<	<	<
Cula/Cuk	=	≤	=	<	>	≥	<<

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FIG. 9

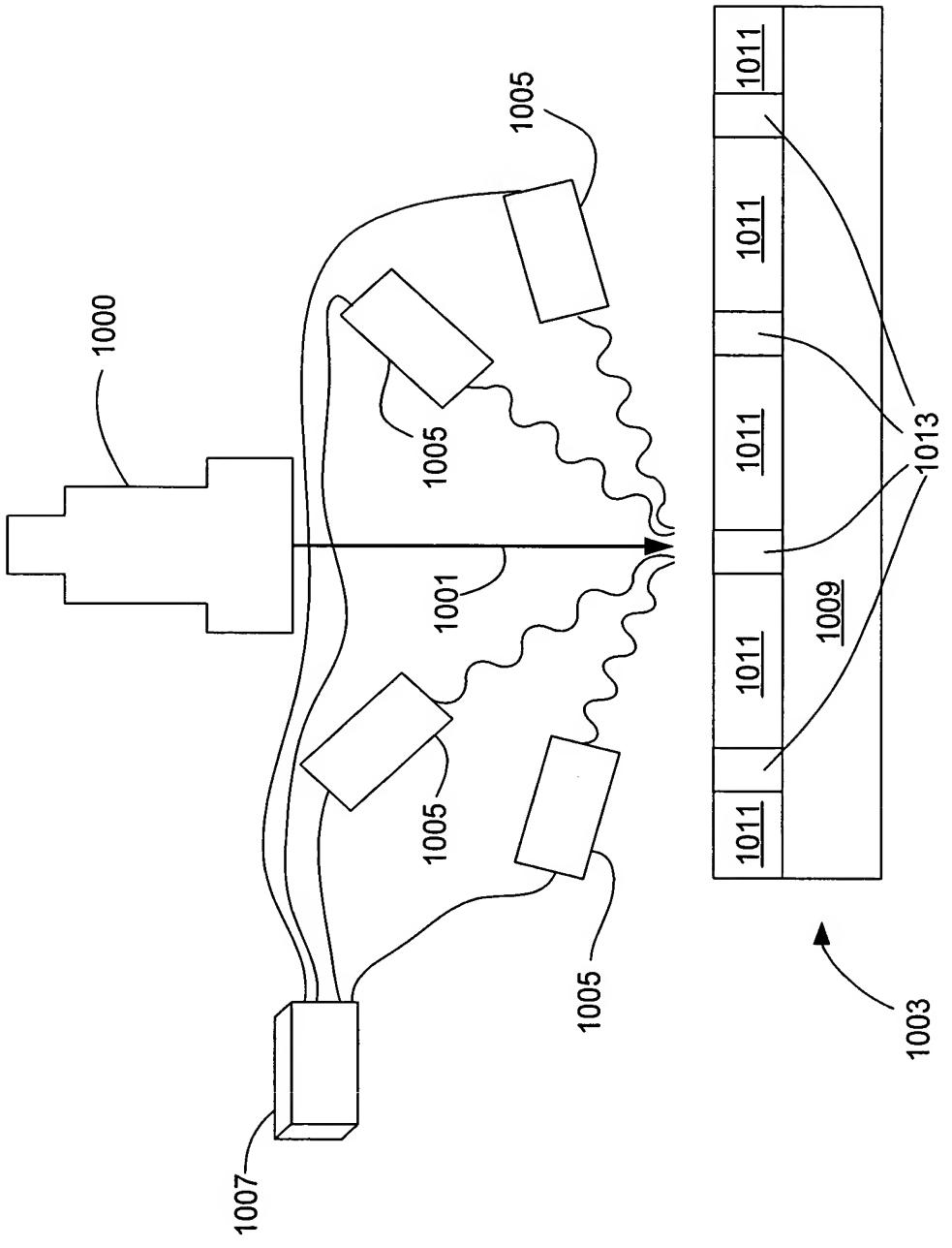


FIG. 10